I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

July 1x

Dated: 10/17/04

Signature: (Mike Navarro)

Docket No.: 334498005US3

(PATENT)

OCT 2 0,2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Van Toor et al.

Application No.: 10/567,727

Filed: July 30, 2004 Art Unit: N/A

For: LOW TRANS-FATTY ACID FAT

COMPOSITIONS; LOW-TEMPERATURE HYDROGENATION, E.G., OF EDIBLE

**OILS** 

Examiner: Not Yet Assigned

Confirmation No.: N/A

## INFORMATION DISCLOSURE STATEMENT

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Those documents which are marked with a double asterisk (\*\*) next to the Cite No. in the attached form PTO/SB/08 (facsimile) are not supplied because they were previously cited by or submitted to the Office in a prior application number 10/750,457, filed

Application No.: 10/567,727 Docket No.: 334498005US3

December 31, 2003 and relied upon in this application for an earlier filing date under 35 U.S.C. 120.

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 334498005US3.

Dated: 17 October 2006

Respectfully submitted,

Paul T. Parker

Registration No.: 38,264

PERKINS COIE LLP

P.O. Box 1247

Seattle, Washington 98111-1247

(206) 359-8000

(206) 359-7198 (Fax)

Attorney for Applicant



Complete if Known Substitute for form 1449A/B/PTO Application Number 10/567,727 **INFORMATION DISCLOSURE** July 30, 2004 Filing Date STATEMENT BY APPLICANT Hans Van Toor First Named Inventor Art Unit N/A (Use as many sheets as necessary) Not Yet Assigned **Examiner Name** 7 334498005US3 Attorney Docket Number Sheet 1 of

			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-4584139	04-22-1986	THOMAS J. GRAY	-
	AB*	US-4356197	10-26-1982	MICHAEL T. DEVITT	
	AC*	US-5734070	03-31-1998	THOMAS TACKE	
	AD*	US-6229032	05-08-2001	PIERRE JACOBS	
	AE*	US-4399007	08-16-1983	ALBERT FROLING	-
	AF*	US-4307026	12-22-1981	JAN KUIPER	· · · · · · · · · · · · · · · · · · ·
	AG*	US-4326932	04-27-1982	ALBERT FROLING	
	AH*	US-4278609	07-14-1981	JAN KUIPER	
	Al*	US-4228088	10-14-1980	JAN KUIPER	
	AJ*	US-6265596	07-24-2001	MAGNUS HARROD	
,	AK*	US-5962711	10-05-1999	MAGNUS HARROD	
	AL*	US-5693835	12-02-1997	HIROAKI KONISHI	
	AM*	US-4590007	05-20-1986	JAMES R. TUCKER	
	AN*	US-5360920	11-01-1994	VICKI L. WEBER	
	AO*	US-5298638	03-29-1994	GABRIELLA J. TOENEBOEHN	
	AP*	US-6391369	05-21-2002	FRANK R. KINCS	
	AQ*	US-5912041	06-15-1999	ROBERT M. COVINGTON	
•	AR*	US-5885643	03-23-1999	DHARMA KODALI	
	AS*	US-5863589	01-26-1999	ROBERT M. COVINGTON	
	AT*	US-6452029	09-17-2002	GERARD HILLION	
	AU*	US-4229361	10-21-1980	RAYMOND MARC CAHEN	
	AV*	US-5492877	02-20-1996	GIUSEPPE GUBITOSA	
	AW*	US-4510091	04-09-1985	BRUCE I. ROSEN	
	AX*	US-4424163	01-03-1984	BRUCE I. ROSEN	
·	AY*	US-4547319	10-15-1985	GAIL M. QUALEATTI	
	AZ*	US-4385001	05-24-1983	BRUCE I. ROSEN	
	AA1*	US-4871485	10-03-1989	JACOB B. RIVERS	
	AB1*	US-4973430	11-27-1990	JACOB B. RIVERS	
	AC1*	US-4626604	12-02-1986	ANDREW G. HILES	
	AD1*	US-4960960	10-02-1990	GEORGE E. HARRISON	
	AE1*	US-4317748	03-02-1982	JOHN TOROK	
	AF1*	US-4847016	07-11-1989	GERD GOBEL	
	AG1*	US-4510092	04-09-1985	BRUCE I. ROSEN	
	AH1*	US-4424162	01-03-1984	BRUCE I. ROSEN	
	Al1*	US-4479902	10-30-1984	BRUCE I. ROSEN	
	AJ1*	US-4519951	05-28-1985	GAIL M. QUALEATTI	
	AK1*	US-5981781	11-09-1999	SUSAN KNOWLTON	
	AL1*	US-5399792	03-21-1995	GUENTHER DEMMERING	
	AM1*	US-6383992	05-07-2002	William Garmier	
	AN1*	US-6365558	12-27-2001	KASTURI LAL	
	AO1*	US-5223470	06-29-1993	HERMANUS J. BOUWMAN	
	AP1*	US-5498587	03-12-1996	GREGOR DECKERS	
	AQ1*	US-4666635	05-19-1987	HELMUT KLIMMEK	
	AR1*		06-02-1987	HELMUT KLIMMEK	
	AS1*	US-4213882	07-22-1980	HERBERT KRANICH	

Examiner	Date	
Signature	Considered	

Substit	tute for form 1449A/E	B/PTO		Complete if Known		
00000	100 101 10111 1440/12	- · · · ·		Application Number	10/567,727	
INF	FORMATIC	ON DI	SCLOSURE	Filing Date	July 30, 2004	
ST	ATEMEN	r BY /	APPLICANT	First Named Inventor	Hans Van Toor	
				Art Unit	N/A	
Ì	(Use as many	sheets as	necessary)	Examiner Name	Not Yet Assigned	
Sheet	2	of	7	Attorney Docket Number	334498005US3	

AT1*	US-5674796	10-07-1997	HO-IN LEE	
	US-5463096		CORNELIS M. LOK	
	US-5087599		MARTHA J. P. BOTMAN	
	US-4725573		CAROLUS M. A. M. MESTERS	
AX1*	US-5112792	05-12-1992	CORNELIS M. LOK	
AY1*	US-6544579	04-08-2003	TODD LANDON	
AZ1*	US-4184982	01-22-1980	WOLFGANG SCHROEDER, ET AL.	
AA2*	US-4209547	06-24-1980	DANIEL A. SCARPIELLO, ET AL.	
AB2*	US-4188333	02-12-1980	RAYMOND M. CAHEN	
AC2*	US-5354877	10-11-1994	ARNO BEHR	
AD2*	US-2002/0016519	02-07-2002	Cornelis Lok	
AE2*	US-3856710	12-24-1974	KARL J. MOULTON, ET AL.	
AF2*	US-4088603	05-09-1978	JAMES L. CARTER, ET AL.	
AG2*	US-4134905	01-16-1979	JOHN M. HASMAN	
AH2*	US-4251672	02-17-1981	JAMES L. CARTER	
Al2*	US-4260643	04-07-1981	WALTER M. COCHRAN	
AJ2*	US-4263225	04-21-1981	JAMES L. CARTER	
AK2*	US-4786402	11-22-1988	THOMAS ANSTOCK	
AL2*	US-5225581	07-06-1993	PETER N. PINTAURO	
AM2*	US-6113976		RUTH G. CHIOU	
AN2*	US-6218556	04-17-2001	PETER N. PINTAURO	
AO2*	US-6420322	07-16-2002	DHARMA R. KODALI	
AP2*	US-5599376		JOHN D. CAMP	
AQ2*	US-6129789	10-10-2000	HIROSHI KAWASE	
AR2*	US-5,734,070	03-31-1998	THOMAS TACKE	
AS2*	US-4,430,350	02-07-1984	DAVID TRESSER	
	US-5,470,598	11-28-1995	TIMOTHY A. SCAVONE	
AU2*	US-6,033,703	03-07-2000	BRUCE A. ROBERTS	
AV2*	US-4,134,905	01-16-1979	JOHN M. HASMAN	
AW2	US-20040146626-A1	07-29-2004	Higgins	
AX2*	US-4,696,911	09-29-1987	Boerma et al.	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	™		
	BA**	EP-0 429 995-A2	06-05-1991	HELIOS OLJARNA DOMZALE d.o.o.				
	BB**	EP-0 114 704-A2	08-01-1984	UNILEVER NV UNILEVER		Г		
	BC**	EP-0 534 524-A2	03-30-1994	Unilever NV/Unilever PLC		П		
	BD**	EP-1 154 854-A1	11-21-2001	IMPERIAL CHEMICAL INDUSTRIES PLC				
	BE**	EP-0 572 081-A1	12-01-1993	Ministero Dell 'Universita' E Della Ricerca Scientifica Tecnologica				
	BF**	EP-0 291 303	11-17-1988	Unilever NV/Unilever PLC		Т		
	BG**	EP-0 021 528-B1	03-23-1983	Unilever NV/Unilever PLC				

Examiner Signature Date Considered

Sut	bstitute for form 1449A/B/PT	0		Complete If Known		
1				Application Number	10/567,727	
11	NFORMATION	1 DI	SCLOSURE	Filing Date	July 30, 2004	
S	TATEMENT E	3Y /	APPLICANT	First Named Inventor	Hans Van Toor	
				Art Unit	N/A	
	(Use as many she	eets as	s necessary)	Examiner Name	Not Yet Assigned	
Sheet	3	of	7	Attorney Docket Number	334498005US3	

BH**	EP-0 791 041-B1	08-27-1997	POUL MOLLER LEDELSES- OG INGENIORRRADGIVNING	
Bi**	EP-0 665 287-A2	08-02-1995	SNOW BRAND MILK PRODUCTS CO., LTD.	
BJ**	EP-0 277 230	08-10-1988	Rivers, Jacob	
	EP-0 745 116-B1		Degussa Aktiengesellschaft	+
	EP-0 021 527-B1	05-18-1983	Unilever NV/Unilever PLC	
	EP-0 528 850-A1		THE PROCTER & GAMBLE	<del>                                     </del>
	2. 0 020 000 7.1	00 00 1000	COMPANY	
BN**	EP-0 569 110-A1	11-10-1993	W.R. Grace & Co.Conn.	
	EP-0 398 668		UNICHEMA CHEMIE	
			BV UNILEVER NV	
BP**	EP-0 389 158	09-26-1990	UBE INDUSTRIES,	
			LTD. CONSIGLIO	
			NAZIONALE DELLE	
			RICERCHE ISTITUTO DI	
			RICERCHE SUI METODI E	
			PROCESSI CHIMICI PER LA	
			TRASFORMAZIONE E	
			L'ACCUMULO	
	EP-1 057 887-A1	12-06-2000	DANISCO A/S	
	EP-0 921 728	06-16-1999	Cargill, Inc.	
	EP-0 757 031-A2	02-05-1997		
BT**	EP-0 654 074-B1	12-18-1996	The Proctor & Gamble	
			Company	
BU**	EP-0 917 561-B1	07-30-2003	K.U. Leuven Research & amp;	-
			Development	
BV**	EP-0 246 366-A1	11-25-1987	The Procter & Gamble	
			Company	
	EP-0 703 728-B1	04-03-1996	CARGILL, INCORPORATED	
	EP-0 300 018-A1	01-25-1989	Davy McKee (London) Limited	
BY**	EP-0 472 918-A1	03-04-1992	HOECHST	
			AKTIENGESELLSCHAFT	
BZ**	EP-0 314 044-A2	05-03-1989	AIR PRODUCTS AND	
			CHEMICALS, INC.	
*	EP-0 831 713-B1		Unilever NV/Unilever PLC	
BB1*	EP-0 215 563-A2		Davy McKee (London) Limited	
BC1*	EP-0 230 971-A2	08-05-1987	Henkel	
•			Kommanditgesellschaft auf	
			Aktien	
BD1*	EP-0 120 122-A2	10-03-1984	Olin Corporation	
BE1*	EP-0 674 698-A1	10-04-1995	NORSK HYDRO A.S	
BF1*	WO-95/00035-A1	01-05-1995	E.I. DU PONT DE NEMOURS AND COMPANY	
Examiner			Date	
Signature			Considered	

U.S. Patent and Trademark Omce; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Subs	stitute for form 1449A/B/PT	o.		Complete if Known		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•		Application Number	10/567,727	
IN	FORMATION	I DI	SCLOSURE	Filing Date	July 30, 2004	
S'	TATEMENT E	3Y /	APPLICANT	First Named Inventor	Hans Van Toor	
				Art Unit	N/A	
	(Use as many sh	eets as	s necessary)	Examiner Name	Not Yet Assigned	
Sheet	4	of	7	Attorney Docket Number	334498005US3	

BG1*	WO-00/47320-A1	08-17-2000	Imperial Chemical Industries PLC
BH1*	WO-96/01304-A1	01-18-1996	Poul Moller Ledelses - og Ingeniorradgivning APS
BI1**	WO-03/353152-A2	07-03-2003	FUJI OIL EUROPE
BJ1**	WO-WO 2004/068960-A1		Bunge Foods Corporat;ion
BK1*	WO-94/11472-A1	05-26-1994	NORSK HYDRO A.S
BL1**	WO-03/080779-A1	10-02-2003	FUJI OIL EUROPE
BM1*	WO-88/05767	08-11-1988	Davy McKee (London) Limited
BN1*	WO-94/15478-A1	07-21-1994	UNILEVER PLC UNILEVER NV
BO1*	WO-94/03566-A1	02-17-1994	THE PROCTER & GAMBLE COMPANY
	WO-98/54275-A2	12-03-1998	K. U. LEUVEN RESEARCH & DEVELOPMENT
BQ1*	WO-04/068960-A1		BUNGE FOODS CORPORATION
BR1*	WO-95/00036-A1	01-05-1995	E.I. DU PONT DE NEMOURS AND COMPANY COVINGTON, Robert, Melvin, Jr. UNGER, Ernie, H.
B\$1*	WO-02/00815-A2	01-03-2002	Renewable Lubricants, Inc.
BT1*	WO-91/17667-A1	11-28-1991	THE PROCTER & GAMBLE COMPANY
BU1*	WO-97/43907-A1	11-27-1997	CARGILL, INCORPORATED
BV1*	WO-03/59505-A1	07-24-2003	ARCHER-DANIELS- MIDLAND COMPANY
BW1	WO-88/00855-A1	02-11-1988	RIVERS, Jacob, Boyd, Jr.

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. \*\* CITE NO.: Those document(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS		
Examiner Initials Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
	CA**	"PRICAT Catalysts for the Hydrogenation of Edfible Oils," ###http://www.synetix.com/edibleoils/applications-edibleoils.htm, 2 pages July 25, 2003.		
	CB**	ANDERSON, J.A., et al., "Influence of the Support in the Selectivity of NI Clay Catalysts for Vegetable Oil Hydrogenation," Amer Chemical Soc.,: 2485-2490 October 1993		
Examiner Signature		Date Considered		

Sut	ostitute for form 1449A/B	/PTO		Complete if Known		
				Application Number	10/567,727	
11	NFORMATIC	ON DISC	CLOSURE	Filing Date	July 30, 2004	
l s	TATEMENT	BY AP	PLICANT	First Named Inventor	Hans Van Toor	
				Art Unit	N/A	
	(Use as many	sheets as ne	cessary)	Examiner Name	Not Yet Assigned	
Sheet	5	of	7	Attorney Docket Number	334498005US3	

	CC**	ANDRADE, G.M.S., et al., "A Statistical Evaluation of the Effects of Process Variables During
1		Catalytic Hydrogenation of Passion Fruit (passiflora edulis) Seed Oil," Braz. J. Chem. Eng.,
i 1		Vol. 15, No. 1, ISSN 0104-6632, 12 pages, March 1998.
1	CD**	BALAKOS, M.W., et al., "Catalyst characteristics and performance in edible oil hydrogenation,"
	-	CATALYSIS TODAY 35 (4): 415-425 APR 11 1997.
l	CE**	BAYER, E., et al., "Selective Hydrogenation of Oleic Acid-Rich Oils in Aqueous-Medium by a
1 1	OL.	PVP-NI-Catalyst," Fett Wissenchaft Technologie-Fat Science Technology, March 1992, pp.
$\vdash$	~~**	79-82, 94 (3), Konradin Industrieverlag GMBH, Germany.
1 1	CF**	BEHR, A., "Selective Hydrogenation of Multi-Unsaturated Fatty-Acids in the Liquid-Phase,"
1 1		Fett Wissenchaft Technologie-Fat Science Technology, Jan. 1993, pp. 2-11, 95(1), Konradin
		Industrieverlag GMBH, Germany.
1	CG**	BERNAS, A., et al., "Influence of Hydrogen Preactivation on the Linoleic Acid Isomerization
l		Properties of Supported Ruthenium Catalyst," 2003, pp. 3-10, Vol. 78, No. 1, Budapest.
	CH**	BHERING, D. et al., "Preparation of High Loading Silica-Supported Nickel Catalyst: Analysis
Į		of the Reductio Step," Applied Catalysis A: General, 2002, 55-64, 234(1).
	CI**	BHERING, D. et al., "Preparation of High Loading Silica-Supported Nickel Catalyst: Analysis
1 1	<b>O</b> .	of the Reduction Step," Applied Catalysis A: General, 2002, pp. 55-64, 234 (1).
<del>                                     </del>	CJ**	BREHM, A., et al., "Use of Platinum-Loaded Y-Zeolites as Catalysts for Hydrogenation of
1 1	W	
]		Liquid and Low-Melting Fats," Chemie Ingenieur Technik, Dec. 1989, pp. 963-964, Vol. 61
ļ		(12).
	CK**	CHOO, H.P., et al., "Activity and selectivity of noble metal colloids for the hydrogenation of
		polyunsaturated soybean oil," J MOL CATAL A-CHEM 191 (1): 113-121 JAN 2 2003.
I i	CL**	CHOO, H.P., et al., "Hydrogenation of palm olein catalyzed by polymer stabilized Pt colloids,"
1 1		Journal of Molecular Catalysis A: Chemical 165: 127-134 2001.
	CM**	CHUNG, C.S. et al., "Catalyst Preparation and Support Effects for Triglyceride Hydrogenation
		over Supported Nickel," J Chem. Tech. Biotechnol, 1987, pp. 15-30, Vol. 38, Great Britain.
	CN**	DROZDOWSKI, B., et al., "Effect of rapeseed oil hydrogenation conditions on trans isomers
	011	formation," Eur. J. Lipid Sci. Technol. 102: 642-645 2000.
1	CO**	
l	w	FERRERAS, J.F., et al., "Influence of the Clay and the Nickel Content in Catalysts for
		Vegetable Oil Hydrogenation," React. Kinet. Catal. Lett., Vol. 53, No. 1: 1-6 1994.
1	CP**	FILLION, B. et al. "Gas-liquid mass-transfer and hydrodynamic parameters in a soybean oil
1		hydrogenation process under industrial conditions," IND ENG CHEM RES 39 (7): 2157-2168
		JUL 2000.
	CQ**	FILLION, B., et al., "Kinetics, Gas-Liquid Mass Transfer, and Modeling of the Soybean Oil
1 1		Hydrogenation Process," Ind. Eng. Chem. Res.: 697-709 2002.
	CR**	FURLONG, K., "The Low Trans Challenge", Oils and Fats International, July 2004, pp. 30-31,
	CS**	GONZALES-MARCOS, M.P., et al., "Nickel on Silica Systems. Surface Features and Their
1	-	Relationship with Support, Preparation Procedure and Nickel Content," APPL CATAL A-GEN
1 1		162 (1-2): 269-280 NOV 18 1997.
<del> </del>	CT**	GONZALEZ-MARCOS, M.P., et al., Effect of Thermal Treatments on Surface Chemical
1	CI	
1		Distribution and Catalyst Activity in Nickel on Silica Systems," J MOL CATAL A-CHEM 120 (1-
		3): 185-196, JUN 13, 1997.
	CU**	GONZALEZ-MARCOS, M.P., et al., "Control of the Product Distribution in the Hydrogenation
		of Vegetable Oils over Nickel on Silica Catalysts," The Canadian Journal of Chemical
		Engineering, Vol. 76: 927-935 Oct. 1998.
	CV**	GRAU, R. J., et al., "The Cup-and-Cap Reactor: A Device To Eliminate Induction Times in
1 1		Mechanically Agitated Slurry Reactors Operated with Fine Catalyst Particles," Ing. Eng. Chem.
		Res., Vol. 26, No. 1, 18-22, 1987.
<del></del>	CW**	
	CVV	HERRERO, J., et al., "Catalytic Behaviour of Rhodium Supported on Palygorskite, Silica and
<b>├</b>		Titania in Oil Hydrogenation," Applied Catalysis A: General, 86: 37-43, 1992.
<u></u>	CX**	HSU, N, et al., "Catalytic Behavior of Palladium in the Hydrogenation of Edible Oils," J AM
Examiner		Date
Signature	1	Considered

Complete if Known Substitute for form 1449A/B/PTO Application Number 10/567,727 **INFORMATION DISCLOSURE** Filing Date July 30, 2004 STATEMENT BY APPLICANT First Named Inventor Hans Van Toor Art Unit N/A (Use as many sheets as necessary) Not Yet Assigned Examiner Name 7 334498005US3 Attorney Docket Number Sheet 6 of

		OIL CHEM SOC, 65 (3): 349-356, Mar 1988.		
(	CY**	ILINITCH, O.M., "Nanosize Palladium Loaded Catalytic Membrane: Preparation and Cis-Trans Selectivity in Hydrogenation of Sunflower Oil," STUD SURF SCI CATAL 118: 55-61 1998.		
-	CZ**	JART, A., "The magnetic field as an additional selectivity parameter in fat hydrogenation," J AM OIL CHEM SOC 74 (5): 615-617 MAY 1997.		
(	CA1**	JOVANOVIC, D., et al., "Nickel hydrogenation catalyst for tallow hydrogenation and for the selective hydrogenation of sunflower seed oil and soybean oil," CATAL TODAY 43 (1-2): 21-28 AUG 13 1998.		
(	CB1**	JOVANOVIC, D., et al., "The influence of the isomerization reactions on the soybean oil hydrogenation process," J MOL CATAL A-CHEM 159 (2): 353-357, 2000.		
	CC1**	JU, J.W., et al., "Effects of alcohol type and amounts on conjugated linoleic acid formation during catalytic transfer hydrogenation of soybean oil," J FOOD SCI 68 (6): 1915-1922 AUG 2003.		
	CD1**	JU, J.W., et al., "Formation of conjugated linoleic acids in soybean oil during hydrogenation with a nickel catalyst as affected by sulfur addition," J AGR FOOD CHEM 51 (10): 3144-3149, MAY 7, 2003.		
	CE1**	JUNG, M.O., et al., "CLA Formation in Oils During Hydrogenation Process as Affected by Catalyst Types, Catalyst Contents, Hydrogen Pressure, and Oil Species," JAOCS, Vol. 79, no. 5: 501-510 2002.		
	CF1**	JUNG, M.O., et al., "Effects of Temperature and Agitation Rate on the Formation of Conjugated Linoleic Acids in Soybean Oil during Hydrogenation Process," J. Agric. Food Chem.: 3010-3016 2001.		
	CG1**	Dioxide and Hydrogen," JAOCS, Vol. 78 no. 2 107-113 2001.		
	CH1**	KITAYAMA, Y., et al., "Catalytic Hydrogenation of Linoleic Acid over Platinum-Group Metals Supported on Alumina," JAOCS, Vol. 74, no. 5: 525-529 1997.		
	Cl1**	KOSEOGLU, S.S., et al., "Recent Advances in Canola Oil Hydrogenations," J AM OIL CHEM SOC 67 (1): 39-47 JAN 1990.		
	CJ1**	LIST, G.R., et al., "Hydrogenation of Soybean Oil Triglycerides: Effect of Pressure on Selectivity," JAOCS, Vol. 77, no. 3: 311-314 2000.		
	CK1**	M.B. Macher, A. Holmqvist, "Hydrogenation of palm oil in near-critical and supercritical propane," EUR J LIPID SCI TECH 103 (2): 81-84 FEB 2001.		
	CL1**	MANGNUS G., "Hydrogenation of Oils at Reduced TFA Content", Oils and Fats International, July 2004, pp. 33-35.		
	CM1**	MONDAL, K., et al., "Mediator-assisted electrochemical hydrogenation of soybean oil," Chemical Engineering Science: 2643-2656 2003.		
	CN1**	NAGLIC, M., et al., "Kinetics of Catalytic Transfer Hydrogenation of some Vegetable Oils," JAOCS, Vol. 75, no. 5: 629-633 1998.		
		NELE, M., et al., "Preparation of high loading silica supported nickel catalyst: simultaneous analysis of the precipitation and aging steps," APPL CATAL A-GEN 178 (2): 177-189 MAR 22 1999.		
	CP1**	Silica-Supported Ni-Ag Catalysts," J CHEM TECHNOL BIOT 50 (1): 81-90 1991.		
	CQ1**	PARRY, J.D., et al., "The Hydrogenation of Triglycerides Using Supported Alloy Catalysts. II. Silica-Supported Pd-Cu Catalysts," J CHEM TECHNOL BIOT 50 (1): 81-90 1991.		
	CR1**	RAVASIO, N., et al., "Environmental friendly lubricants through selective hydrogenation of rapeseed oil over supported copper catalysts," Applied Catalysis A: General 233: 1-6 2002.		
	CS1** SANTACESARIA, E., et al., "Role of mass transfer and kinetics in the hydrogenation of rapeseed oil on a supported palladium catalyst," Applied Catalysts A: General 116: 269-29 1994.			
	CT1"	SCHOON, N.H., "Is a Low Trans Content Attainable by Conventional Hydrogenation of	T	
Examiner		Date	=	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sut	bstitute for form 1449A/B/PT	o.		Complete If Known		
		•		Application Number	10/567,727	
11	NFORMATION	1 DI	SCLOSURE	Filing Date	July 30, 2004	
S	TATEMENT E	BY /	APPLICANT	First Named Inventor	Hans Van Toor	
				Art Unit	N/A	
	(Use as many sho	eets as	necessary)	Examiner Name	Not Yet Assigned	
Sheet	7	of	7	Attorney Docket Number	334498005US3	

	Vegatable Oils?", Oils-Fats-Lipids, Proceedings of the 21st World Congress of the	
	International Society for Fat Research (ISF), The Hague: 155-158 October 1995.	
CU1		
	Triacylglycerols," JAOCS, Vol. 68, no. 2: 74-78 February 1991.	
CV1	** SMIDOVNIK, A., et al., "Catalytic Transfer Hydrogenation of Soybean Oil," JAOCS, Vol. 69,	
	no. 5: 405-409 May 1992.	
CW	** SMIDOVNIK, A., et al., "Kinetics of Catalytic Transfer Hydrogenation of Soybean Oil," JAOCS,	
1	Vol. 71, no. 5: 507-511 May 1994.	
CX1	** SUH, D.J., et al., "Nickel-alumina composite aerogels as liquid-phase hydrogenation	
	catalysts," J NON-CRYST SOLIDS 285 (1-3): 309-316 JUN 1 2001.	
CY1	TAKEYA, K. et al., "Hydrogenation of Soybean Oil by Loop Reactor Equiped with Venturi	
	Nozzle," J JPN SOC FOOD SCI 42 (4): 237-247 1995.	
CZ1	TAKEYA, K., et al., "Influence of Nitrogen Gas on Hydrogenation of Corn Oil .2. Novel Method	
	of Edible oil Hydrogeneration," J JPN SOC FOOD SCI 43 (4): 417-422 1996.	
CA2	TAKEYA, K., et al., "Novel Method of Edible Oil Hydrogenation .1. Influence of Inert-Gases on	
	Hydrogenation of Soybean Oil," J JPN SOC FOOD SCI 42 (6): 410-418 1995.	
CB2	** TAKEYA, K., et al., "Soybean oil hydrogenation using hydrogen storage alloy .3. Novel method	
	of edible oil hydrogenation," J JPN SOC FOOD SCI 43 (5): 502-509 1996.	
CC2	** THOMSON, A., et al., "Silica-Supported Alloy Catalysts for Triglyceride Hydrogenation: The	
	preparation and Properties fo Pd-Ag and Pd-Ni Systems," J CHEM TECHNOL BIOT 37 (4):	
	257-270 1987.	
CD2	** VELDSINK, J., "Selective Hydrogenation of Sunflower Seed Oil in a Three-Phase Catalytic	
	Membrane Reactor," JAOCS, Vol. 78, no. 5: 443-446 2001.	
CE2	** VELDSINK, J.W., et al., "Heterogeneous hydrogenation of vegetable oils: A literature review,"	
	CATAL REV 39 (3): 253-318 1997.	
CF2	** WANG, Y.Q., et al., "A natural seed oil rich in omega6 and omega3 fatty acids,"	
	###http://www.unl.ac.uk/ibchn/publication/pns01_wang_02.pdf, 1 page.	
CG2		
	Electrolyte Reactor. Sensory and Compositional Characteristics of Low Trans Soybean Oils,"	
	JAOCS, Vol. 77, no. 10 1113-1117 2000.	
CH2		
	Electrolyte Reactor. I. Reactor Design and Operation," JAOCS, Vol. 75, no. 8: 917-925 1998.	
Cl2		
	Electrolyte Reactor. II. Hydrogenation Selectivity Studies, JAOCS, Vol. 76, no. 2: 215-222	
	1999.	
CJ2		
	Food Research International: 797-804 2003.	
CK2		
	Raney nickel powder reactor," Journal of Applied Electrochemistry: 989-997 1996.	
CL2		
	5: 399-404 May 1992.	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, Include copy of this form with next communication to applicant. \*\* CITE NO.: Those document(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filling date under 35 U.S.C. 120.

'Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner	• -	Date
Olamak		Dato .
Signature		Considered